

Message

From: Scheckel, Kirk [Scheckel.Kirk@epa.gov]
Sent: 5/14/2014 5:54:38 PM
To: Newhouse, Kathleen [Newhouse.Kathleen@epa.gov]; Flowers, Lynn [Flowers.Lynn@epa.gov]
CC: Phillips, Linda [Phillips.Linda@epa.gov]; Strong, Jamie [Strong.Jamie@epa.gov]; Partridge, Charles [Partridge.Charles@epa.gov]; jklotzbach@srcinc.com
Subject: RE: following up on long lost voice message re: PAHs, bioavailability in soils and need for someone to participate in regional conf calls

Kathleen,

I think your knowledge and expertise would be perfect for the PAH subcommittee. I am cc'ing Charlie Partridge (R8), chair of the subcommittee, and Julie Klotzbach, contract support, as an introduction. In the near future, Charlie will organize an initial conference call to cover the charge of the committee.

Thank you for reaching out to us and volunteering to assist the Technical Review Workgroup Bioavailability Committee in this effort.

Regards,
Kirk

Kirk G. Scheckel, Ph.D.
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From: Newhouse, Kathleen
Sent: Wednesday, May 14, 2014 1:49 PM
To: Scheckel, Kirk; Flowers, Lynn
Cc: Phillips, Linda; Strong, Jamie
Subject: RE: following up on long lost voice message re: PAHs, bioavailability in soils and need for someone to participate in regional conf calls

Hi Kirk, I apologize for my slow response. I misunderstood the original intent of the committee. I would be interested in assisting the committee on PAHs, if my expertise might be useful. I am the chemical manager for the IRIS assessment benzo[a]pyrene, the index chemical for assessing PAH mixtures, and I have been very involved in the development of the cancer slope factors for benzo[a]pyrene (including the dermal slope factor). If this chemical specific expertise would be helpful, then I would be glad to help. In fact, example exposure estimates for risk from exposure to benzo[a]pyrene in soil have been developed within NCEA and incorporate a general adjustment for dermal exposure to BaP in soil vs. solvent exposure (used as the vehicle in the mouse study used to derived the dermal slope factor). If I understand correctly, it sounds like this might be something the committee will be working to develop, but on a more site-specific basis.

Kathleen Newhouse, MS, DABT
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From: Scheckel, Kirk
Sent: Thursday, April 24, 2014 3:07 PM
To: Flowers, Lynn
Cc: Phillips, Linda; Strong, Jamie; Newhouse, Kathleen
Subject: RE: following up on long lost voice message re: PAHs, bioavailability in soils and need for someone to participate in regional conf calls

Thank you Lynn,

Your timing is fine. As I mentioned in the message, I am a co-chair of the Technical Review Workgroup (TRW) Bioavailability Committee for EPA. This committee has been receiving a number of requests from Regions regarding dioxin and PAH risks and bioavailability at impacted sites. We are developing subcommittees for both dioxin and PAH.

The objective is to develop a technical memorandum summarizing issues, uncertainties, and TRW recommendations on: (a) use of existing data on soil PAH relative bioavailability (RBA) for site HHRA's; (b) estimating site-specific soil PAH RBA, and (c) data needs for developing national defaults and site-specific measurements of RBA. More or less, we are looking to identify what is currently being done correctly (a lot of bad science and approaches out there), and what are the major data gaps to really get a handle on the issue for potential future research.

The next step is waiting for OSWER/OSTRI approval to organize the subcommittee at which time you will receive an email invitation from me. Our goal is to make this as painless as possible through the use of short conference calls and contractor support; we are seeking your expertise and recommendations. Ideally, this will take place over a few months with the technical memorandum as a final product submitted to the Program Office for review the distribution to the Regions.

I will likely not be part of either subcommittee, my knowledge is inorganic chemistry. However, some of the others that have expressed interest are Todd Phillips (R7), Brad Miller (NEIC-Denver), and Margaret Pratt for PAHs; and Charlie Partridge (R8), possibly Mark Maddaloni (R2), Matt Lorber, Glenn Rice, and Jeff Swartout for dioxin. It seemed from Margaret that PAHs would be of more interest to you.

I really appreciate your consideration to help this effort and I will be in touch.

Regards,
Kirk

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From: Flowers, Lynn

Sent: Thursday, April 24, 2014 2:35 PM

To: Scheckel, Kirk

Cc: Phillips, Linda; Strong, Jamie; Newhouse, Kathleen

Subject: following up on long lost voice message re: PAHs, bioavailability in soils and need for someone to participate in regional conf calls

Kirk: First of all, I must apologize for not responding to your voice message sooner. I am headed out for vacation and always look through my book beforehand to see if I have inadvertently missed anything. I found a note re: your voice message! I am ccing folks who can likely help you or get you to exposure folks in NERL who can help. Would you please let these folks know how we (they) can help?

And again—sorry for not responding sooner. Hope we are not too late!

Lynn

Lynn Flowers, PhD, DABT

Associate Director for Health

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